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| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. | SERIAL NO. |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | 9351-46 | 09/854,362 |
| (Use several sheets if necessary) | APPLICANT | |
| | David G. Frank, et al. | |
| | FILING DATE | GROUP |
| | May 15, 2001 | 1745 |

U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
|---------------------|---|-----------------|----------|-------------------|-------|----------|---------------------------|
| | A | 6,165,634 | 12/26/00 | Krasij, et al. | 429 | 35 | |
| | B | 6,153,326 | 11/28/00 | Matsukawa, et al. | 429 | 34 | |
| | C | 6,130,272 | 10/10/00 | Dopp, et al. | 523 | 212 | |
| | D | 6,080,503 | 06/27/00 | Schmid, et al. | 429 | 35 | |
| | E | 5,908,888 | 06/01/99 | Nakamura, et al. | 524 | 433 | |
| | F | 5,877,256 | 03/02/99 | Nakamura, et al. | 524 | 765 | |
| | H | 5,116,558 | 05/26/92 | Wrobel, et al. | 264 | 46.6 | |
| | I | 4,786,568 | 11/22/88 | Elmore, et al. | 429 | 44 | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----------|------------|----------|-------|----------|-------------|--------|
| | J | 0870587 A2 | 10/14/98 | EP | B29C | 45/00 | YES NO |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
|---------------------|---|-----------------|----------|------------------|-------|----------|---------------------------|
| gjm | A | 5,973,067 | 10/26/99 | Nakamura, et al. | 524 | 858 | |
| | B | 5,077,249 | 12/31/91 | Lee, et al. | 502 | 5 | |
| | C | 4,874,667 | 10/17/89 | Lee, et al. | 428 | 402 | |
| | D | 4,784,879 | 11/15/88 | Lee, et al. | 427 | 213.34 | |
| | E | 4,766,176 | 08/23/88 | Lee, et al. | 525 | 100 | |
| | F | 4,719,262 | 01/12/88 | Plueddemann | 525 | 105 | |
| | G | 4,269,991 | 05/26/81 | Homan, et al. | 556 | 427 | |
| | H | 3,960,800 | 06/01/76 | Kohl, Jr. | 260 | 32.8 | |
| | I | 3,794,556 | 02/26/74 | Young | 161 | 206 | |
| | J | 3,377,309 | 04/09/68 | Harper | 260 | 32.8 | |
| | K | 3,677,998 | 07/18/72 | Young | 260 | 33.6 | |
| | L | 3,043,660 | 07/10/62 | Hughes, et al. | 23 | 182 | |
| | M | 2,614,906 | 10/21/52 | Spialter, et al. | 23 | 182 | |

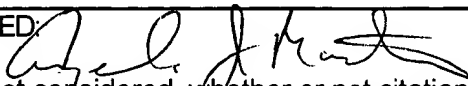
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| | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

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1

Complete if Known

Application Number

09/854.362

Filing Date

May 15, 2001

First Named Inventor

FRANK, David G.

Group Art Unit

1745

Examiner Name

Attorney Docket Number

9351-46 HSF

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Signature**

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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